

Amendments to the Specification

Please replace the first paragraph on page 1, with the following rewritten paragraph:

--This is a continuation of co-pending U.S. Patent Application No. ~~09/418,990~~
09/718,990 filed November 20, 2000, which ~~will now issued~~ issue as U.S. Patent No. 6,602,661
on August 5, 2003, which is a continuation-in-part of International Application No.
PCT/US00/20354, filed July 26, 2000, which was published in English under PCT Article 21(2),
which in turn claims the benefit of U.S. Provisional Application No. 60/145,613, filed July 26,
1999. All three applications are incorporated herein in their entirety.--

*Please replace the paragraph beginning at page 2, lines 6-15, with the following
rewritten paragraph:*

--To meet this need a number of "multiplex" assays have been introduced. Among the
most common type of assays for surveying the expression of large numbers of genes in parallel
are DNA microarrays (a/k/a "biochips"). Most microarrays consist of a glass slide or other solid
surface upon which thousands of cDNA probes are anchored. With these devices DNA probes
are arrayed in a grid-like format. Messenger RNAs are isolated from the samples of interest and
allowed to hybridize to the probes anchored to the biochip revealing the profile of the genes
expressed. Various scanners and software programs are used to profile the patterns of genes that
are "turned on." Representative of this biochip approach is the ~~GeneChip®~~ GENECHIP® (gene
expression analysis array) system from Affymetrix, Inc. (Santa Clara, California).--